



PATENT ABSTRACTS OF JAPAN

(11) Publication number: **10205611 A**

(43) Date of publication of application: **04.08.98**

(51) Int. Cl.

F16H 57/02

(21) Application number: **09024293**

(22) Date of filing: **22.01.97**

(71) Applicant: MAZDA MOTOR CORP

(72) Inventor: UMEOKA MITSUO
HAMANO MASATOSHI
SEKIYA YUZO

(54) GEAR TYPE TRANSMISSION STRUCTURE

(57) Abstract:

PROBLEM TO BE SOLVED: To prevent impairment of a pumping loss preventing function by partitioning a pumping preventing space arranged on a front cover while communicating with each other the space part facing to respective shaft rods independently from a front cover inner side part faced to other shaft and a partition wall.

SOLUTION: A pumping loss preventing space 16 having a prescribed capacity is arranged on an inner surface of a part extending from a front cover 15 while facing to a front end of each shift rod 5 so as to prevent pumping loss by movement of the shift rod 5, space parts facing to each shaft rod 5 are communicated with each other, and the space 16 and the inner side part of the front cover 15 faced to the other shaft are partitioned from each other by a partition wall 17 formed on a rib. It is thus possible to prevent the pumping loss preventing space from being influenced by the front cover inner side part faced to the other shaft, and it is also possible to prevent lubricating oil from flowing into the pumping loss preventing space so as to prevent

impairment of the fluid motion function of lubricating oil.

COPYRIGHT: (C)1998,JPO

